

19990713.ba v02_n607.bam.990713 v02_n608.bam.990713

>From ???@??? Wed Jul 14 02:09:51 1999
Message-Id: <199907131756.d6DHu5023887@sco.theporch.com>
Date: Tue, 13 Jul 1999 12:55:41 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2607

BOATANCHORS Digest 2607

Topics covered in this issue include:

- 1) RAK-RAL 8 Control Unit
by jmccarty@lucent.com (John J Mccarty)
- 2) A little off the Old Radio topic, but if you're interested: I'm in Computerworld this week, July 12.
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 3) Omaha Heritage Museum
by "Doug Gordon" <dmgordon@pacbell.net>
- 4) Re: Omaha Heritage Museum
by "James D. Mayfield" <kb9bnr@revealed.net>
- 5) WCC/WNU
by john <johnmb@mindspring.com>
- 6) KPH/KFS: Vale!
by "Tom R. Rice" <tomrice@netcom.com>
- 7) WNU/WCC/KFS/KPH CW QRT
by Bob Roehrig <broehrig@admin.aurora.edu>
- 8) Re: 539 C
by Jderm740@aol.com
- 9) Re: KPH/KFS: Vale!
by "Roberta J. Barmore" <rbarmore@indy.net>
- 10) BAs. Manuals, Etc. FS
by don merz <71333.144@compuserve.com>
- 11) Re: Omaha Heritage Museum
by "Robert Nickels" <ranickel@mwci.net>
- 12) Hammarlund-Roberts
by "Robert Nickels" <ranickel@mwci.net>
- 13) R-390A/non a covers update
by "Dan 'Hank' Arney" <kn6di@groupone.net>
- 14) Globe Champion 350 parts
by "Robert Nickels" <ranickel@mwci.net>
- 15) John A King/RES/Raytheon/US is out of the office.
by John_A_King@res.raytheon.com
- 16) Re: Triplett VOM # 630 Help
by Jim Hill <jshillw6ivw@earthlink.net>
- 17) RCA 29K2
by cswiger <cswiger@wilma.widomaker.com>

- 18) ADMINISTRIVIA: Fancy HTML in Posts
by listown@jackatak.theporch.com (Mail List Owner)
- 19) Re: Omaha Heritage Museum
by Edward Zeranski <ejz@nosc.mil>
- 20) RE: RCA 29K2
by cswiger <cswiger@wilma.widomaker.com>

From: jmccarty@lucent.com (John J McCarty)
Date: Mon, 12 Jul 1999 17:49:40 -0500
Message-Id: <199907122249.RAA27565@nwsgpb.ih.lucent.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RAK-RAL 8 Control Unit
Content-Type: text

Group;

Was some one looking for the above unit lately?
Thought I remembered some one looking for one. Picked up
one at the Eau Claire hamfest on Saturday. Nice fest at a
really nice location. Anyway, this is a CMX-23073-A control
unit for the RAX-8 and RAL-8. Two on-off switches, one 1-2-mixed
level switch and two head phone jacks. Still has Magnavox test
tag on it, and in the original box.

73

John McCarty
n9hrt
jmccarty@lucent.com

Message-ID: <378A792D.7312@worldnet.att.net>
Date: Mon, 12 Jul 1999 19:24:29 -0400
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: A little off the Old Radio topic, but if you're interested: I'm in
Computerworld this week, July 12.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To my Radio friends,

There is a write-up about me and the 1976 Personal Computing(R) Show in "Computerworld" this week, July 12. The on-line version is at the following URL:

<http://www.computerworld.com/home/print.nsf/all/990712B38A>

(Over half of the attendees to the 1976 show were radio hams.)

--

73' John Dilks, K2TQN

Webmaster for Antique Wireless Information ** New **

<http://www.eht.com/oldradio/awa>

--and--

for the New Jersey Antique Radio Club

<http://www.eht.com/oldradio>

Please visit my OldRadio Museum

<http://www.eht.com/oldradio/museum>

-

Message-ID: <004801beccc1\$87b9ae80\$676068cf@default>

From: "Doug Gordon" <dmgordon@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Omaha Heritage Museum

Date: Mon, 12 Jul 1999 16:51:57 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi All,

Visited the Omaha, Nebraska Heritage Museum this past Saturday. No one there knew anything about the Leo Meyerson radio collection. What am I missing here? Probably many years 'til I get back so I was disappointed.

73,

Doug K6AKK

Carlsbad, CA 92008

Message-Id: <3.0.32.19990712191523.00a657b8@revealed.net>

Date: Mon, 12 Jul 1999 19:19:32 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "James D. Mayfield" <kb9bnr@revealed.net>
Subject: Re: Omaha Heritage Museum
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>To: dmkgordon@pacbell.net
>From: "James D. Mayfield" <kb9bnr@revealed.net>
>Subject: Re: Omaha Heritage Museum

>
>Leo's company was from Council Bluffs Iowa. I don't think there is any
connection to Nebraska. See my World Radio Labs web page, you can find it
from the link below...Also you might look at my Factory built WRL Globe
King 400 transmitter in the next CQ classic radio calendar in 2000....

>

>73 Dave

>

>At 04:51 PM 7/12/99 -0700, you wrote:

>>Hi All,

>>Visited the Omaha, Nebraska Heritage Museum this past Saturday. No one there
>>knew anything about the Leo Meyerson radio collection. What am I missing
>>here? Probably many years 'til I get back so I was disappointed.

>>

>>73,

>>

>>Doug K6AKK

>>Carlsbad, CA 92008

>>

>>

Dave Mayfield KB9BNR

Personal Web Page

<http://home.revealed.net/qste/bnr/index.html>

Message-Id: <3.0.3.32.19990712201631.00aeab44@mindspring.com>

Date: Mon, 12 Jul 1999 20:16:31 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: john <johnmb@mindspring.com>

Subject: WCC/WNU

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Just heard the farewell on 17.117 very sad to hear.
Seemed I could hear someone answer after WNU went QRT.
(awright..fess up... who was it???)

Sure a fine sounding swing on that bug. Dick, can you give

a report? Who were the ops for WCC/WNU?

73

/John

WB50AU/4

www.old-radios.com

From: "Tom R. Rice" <tomrice@netcom.com>
Message-Id: <199907130043.RAA11718@netcom9.netcom.com>
Subject: KPH/KFS: Vale!
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 12 Jul 1999 17:43:39 -0700 (PDT)
Cc: glowbugs@piobaire.mines.uidaho.edu (free glowbugs)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Forgive me, folks, for this uncharacteristic, emotional post: in 36 years of marriage, my OL has never before seen me weep! But the last messages from KPH & KFS did it to me, and I'm not an old-time op, never used a key at sea, really have no right to feel so upset, but this was history with a vengeance! "What hath God wrought", indeed.... never has an "SK" been so poignant....

Thanks to Mr. Dillman for the timely alerts; the AR-88 with its RCA 100A speaker heard it all clearly on the 8 mc band, it's on tape and now, all that remains is for all you old-timers to get to work, writing, taping and preserving for posterity the lore of those wonderful Morse years. Don't fail us now!

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

Date: Mon, 12 Jul 1999 19:48:46 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WNU/WCC/KFS/KPH CW QRT

Message-ID: <Pine.OSF.3.96.990712194043.18139C-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Propagation was a lot different than yesterday. Today I could not tell if WNU/WCC was even on the air. KFS was OK on 17184.8 though. Too bad they didn't have a better op between 2300 and 2330 - whatever happened to character and word spacing?

Anyway, the last transmissions were:

CQ CQ DE KPH KPH KPH -
WE NOW CLOSE THE RADIOTELEGRAPH OPERATION OF STATION KPH. SINCE 1904,
STATION KPH HAS DISTINGUISHED ITSELF AS ONE OF THE MOST WELL KNOWN
AND RESPECTED CALL SIGNS IN THE W II WORLD, AND WILL CONTINUE TO DO SO
AS PART OF THE GLOBAL RADIO NETWORK / HF STATIONS BT NW CL DE KPH SK

CQ DE KFS -
THIS IS THE FINAL CW TRANSMISSION FROM STATION KFS - THE LAST COMMERCIAL
RADIOTELEGRAPH STATION IN NORTH AMERICA. APPROPRIATELY, WE CLOSE CW AND
EMBARK ON A NEW ERA OF COMMUNICATION WITH SAMUEL F. B. MORSE'S WORDS
OF 155 YER ? YEARS AGO - NW CL 73 - WHAT HATH GOD WROUGHT -
DE KFS SK

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

From: Jderm740@aol.com
Message-ID: <a82501c3.24bbbee3@aol.com>
Date: Mon, 12 Jul 1999 21:22:43 EDT
Subject: Re: 539 C
To: Old Tube Radios <boatanchors@theporch.com>
CC: gibsonj@mindspring.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi John

Your first question. If it wasn't needed they saved money by leaving it out.
Multiply pin cost by total tubes made and somebody gets a bonus.

The settings for the 539C from my list are:

KT66 6.3fil HS-5348-1 3.0bias Press P4 Range C min
mu3150.

KT88 All Same except 1.4bias and 6250mu.

Can't find anything on the 6550 but it was used interchangeably with the
KT88. Probably the same settings.
It was a more rugged tube with less tendency for noise and microphonics. Most
all my Dyna Mark 3s had 6550s even though the specs called for KT88s.

Jack

Date: Mon, 12 Jul 1999 21:45:14 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>,
free glowbugs <glowbugs@piobaire.mines.uidaho.edu>
Subject: Re: KPH/KFS: Vale!
Message-ID: <Pine.SUN.4.10.9907122131330.17143-1000000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Sure hope somebody got it on tape; I worked 'til 7:00 local, and missed
the whole thing. Didn't even fire up the SX-28 (semi-official test gear,
it is--how else can we check cal of the freq counter?), was helping pack
up some TV production gear.

(They're not getting me on a cruise ship now, not at any price, I can't
tread water for long enough. Statistically, the new stuff may be
okay--didja ever hear the one about the statistician who drowned wading
a very wide river with an average depth of three feet...?)

So--is GMDSS Y2K compliant? ...Just a thought.... CLA may have more
work than they know what to do with, come New Year's Day! (Somebody asked
how long CLA'd be on the air--I'd guess as long as Cuba consists of more
than one island!)

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Date: Mon, 12 Jul 1999 22:47:12 -0400
From: don merz <71333.144@compuserve.com>
Subject: BAs. Manuals, Etc. FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199907122248_MC2-7CAB-9CBA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

BA Gear For Sale

CONTACT: Don Merz, N3RHT, 47 Hazel Drive, Mt. Lebanon, PA 15228
71333.144@compuserve.com

3BP1 CRT new in original military box with spares label for RBU-?
(? means I can't read the number). So if you have an RBU, maybe you
should have the correct original spare CRT to go with it? \$10 PPD
National NC-240D receiver and matching speaker. Last of the sliding-coil
designs from National. High-performance post war set that has both
general coverage and ham bands bandspread available by selecting
different coil ranges. Classy radio with pewter feet on both radio
and speaker. The radio has a scratch on top and some paint worn off
at the top front edge. There are a few other marks on the radio and
speaker but these are basically in very good or excellent condition.
Speaker has original Jensen driver. Speaker plug is broken but still
usable. One pewter foot on the rear of the speaker has a crack in it
that is only visible from the rear. Working pretty well except the BFO
does not work at all. With original manual. A fine BA. \$260
Teletype Model 32 R0 printer. Nice unit in blue/white soundproof box.
I was told this came out of CIA at Lmagley. With original parts
manual. Appears to be in excellent shape. Untested. \$20
Teletype 28RT paper tape punch/reader. This thing is about 4 feet tall
and 8 inches wide. It has a punch and reader on top and a large tape
spool and clear plastic bin on the bottom. Apparently, this was
designed as a "store and forward" unit. The tape was positioned to
go through the punch and then through the reader. It would punch the
message and if the reader wasn't ready, it would feed the punched tape
into the bin where it would be held and picked up by the reader whenever
it was ready. This is untested but seems to work when turned by hand.
It has a 3-speed gearshift on it for 60-75-100 speed selection. I have
some advertising brochures on this unit and I think I have a parts manual.
But no other information. As-is. Note that a complete RT unit had 2 of
these mechanisms in a cabinet. This is only one mechanism (though it is
complete and can be used as-is). The other mechanism and cabinet are not
included. Weighs about 80 pounds so this will not be cheap to ship. \$45
Military Type CDU-60064 Cathode Ray Oscillograph, A Unit Of RADAR

equipment Mark 12, Mod 1, Serial Number 4, manufactured for Navy Department Bureau of Ordnance by Western Electric Company, Inc." Undated but looks WWII-era. The front panel is silk-screened "Cathode Ray Oscilloscope Type 224-A, Allen B. Dumont Laboratories, Inc." So I guess Dumont was the subcontractor. 3" screen. Looks like a typical 50KC bandwidth 'scope. Untested and assumed to need restoration. \$25

TV Camera Tubes and Manuals.

RCA 1850A Iconoscope camera tube. Used. Intact. Electrical condition unknown. \$65

Westinghouse 22EP22 TV camera tube. One pin bent in base.

Otherwise looks good. Electrical condition unknown. \$22

Westinghouse WL7611 Image Orthicon TV camera tube. Looks okay.

In protective plastic container. \$22

Westinghouse WL5820 Image Orthicon TV camera tube. Looks okay.

In protective plastic container. \$22

Another Westinghouse WL5820 Image Orthicon TV camera tube. Looks okay.

In protective plastic container. \$22

RCA Manual: Image Orthicon Camera and View Finder manual. Cover says "Part of TK-11A-1/TK-31A-1 Equipment." Complete with addenda. Covers installation through maintenance with parts and schematics. Cover is coming apart at spine. Otherwise good. \$25 PPD

RCA Manual: Image Orthicon Camera and View Finder manual. Cover says "Part of TK-11A-1/TK-31A-1 Equipment." Probably a later edition than the one above. It has a different cover and no addenda. Covers installation through maintenance with parts and schematics. Excellent all-around condition. \$30 PPD

RCA Manual: Field Camera Control MI-26066-A "part of TK-31B Camera Equipment." With schematics. Cover loose. \$20 PPD

RCA Manual: Field Pick-Up Television Equipment. 125 page manual covers a complete portable TV Camera system with cameras, camera controls, switching system, master monitor, power supplies, pulse shaper and pulse former. A complete instruction and service manual with schematics, parts lists, etc. Spiral-bound and in good shape. But someone spilled something on the bottom edge that has dried and glued many of the pages together at one spot near the bottom. These will have to be carefully separated. \$25 PPD

Dumont Manual: TA-512 Single Iconoscope Camera Chain. Dated 1950. This chain was used for studio film transmission. Large looseleaf manual with many oversize schematics. This chain used the RCA 1850A iconoscope tube above. \$25 PPD

LITERATURE

E.F. Johnson Viking Ranger II Operating Manual. Comb binding is cracked in spots and it has some writing on the cover and inside. Still it's in very good condition. Schematic dated 5-18-62. \$18 PPD

Harold Ennes, Broadcast Operator's handbook, Rider, 1947, Excellent with dust jacket. \$13 PPD
ARRL Solid State Basics. 1978 paperback 8-1/2x11. Very good. \$8 PPD
Heathkit V-6 VTVM original manual. Small chip in lower front cover corner. Otherwise good. \$7 PPD
Heathkit HN-31 Cantenna dummy load original manual. Excellent. \$5 PPD
Heathkit IG-102 RF Signal Generator original manual. Excellent. \$8 PPD
Heathkit CB-1 lunchbox CB original manual. Some writing on front but otherwise excellent. \$18 PPD
Heathkit AG-7 Audio Generator original manual. With oversize wiring pictorial. \$6 PPD
Heathkit AM-2 Reflected Power Meter original manual. Good. \$7 PPD
Another Heathkit AM-2 Reflected Power Meter original manual. Good. \$7 PPD
ARRL Antenna Book, 14th ed, 1984. Good. \$9 PPD
International Rectifier Corporation Engineering Handbook, 1964. 128 pages. Selenium dominates but silicon is covered. \$7 PPD
Sams Tube Substitution Guides (full size, not pocket editions), \$4 each PPD
1961 V#3, 1966 V#9
H. G. Cisin, 11,000 Direct Tube Substitutes, 1963, \$3.50 PPD
Middleton Tube Substitution Guidebook, Tube Caddy Edition, 1974. \$3.50 PPD
Teletype Manual Set for Model 33 including 310B Volumes 1 and 2 and 1184B Parts Manual. All in good shape in Teletype binders. \$15 PPD
Another Teletype Manual Set for Model 33 including 310B Volumes 1 and 2 and 1184B Parts Manual. All in good shape in Teletype binders. \$15 PPD
Teletype Model 33 Bulletin 1184B Parts ONLY. Excellent in TT binder. \$6 PPD

CONTACT: Don Merz, N3RHT, 47 Hazel Drive, Mt. Lebanon, PA 15228
71333.144@compuserve.com

Message-ID: <004b01beccda\$3433cf20\$702fcfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Omaha Heritage Museum
Date: Mon, 12 Jul 1999 21:45:40 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug and all,

The Western Heritage Museum is located in the historic old Union Pacific railroad building in Omaha and when I was there about 6-7 years ago, the Meyerson-WRL collection was on display upstairs in the main area with overflow in the lower level. I've been told that the museum has retired this display since then - but can anyone confirm? I'll try to find the photos I took and post them on the web if nothing else...

73, Bob W9RAN

PS: Of course WRL was in Council Bluffs IA - about a mile east of the Missouri River bridge to Omaha...that's the connection.

-----Original Message-----

From: Doug Gordon <dmgordon@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Monday, July 12, 1999 6:56 PM
Subject: Omaha Heritage Museum

>Hi All,
>Visited the Omaha, Nebraska Heritage Museum this past Saturday. No one there
>knew anything about the Leo Meyerson radio collection. What am I missing
>here? Probably many years 'til I get back so I was disappointed.
>
>73,
>
>Doug K6AKK
>Carlsbad, CA 92008
>

Message-ID: <012201becbdb\$b1fe74e0\$702fcfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hammarlund-Roberts
Date: Mon, 12 Jul 1999 21:54:24 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Looking for information on a 5-tube TRF receiver I picked up this weekend, made by Hammarlund-Roberts. I know this was the precursor to the Hammarlund Co. we all know, but can anyone provide any details on the company - or this set?

Thanks and 73,

Bob W9RAN

Message-ID: <378AB037.2285BCB8@groupone.net>
Date: Mon, 12 Jul 1999 20:19:20 -0700
From: "Dan 'Hank' Arney" <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R-390A/non a covers update
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I have received checks and or confirmations that the check is in the mail from all but about 10 people and they have not even replied to my direct email about their status.

I am now in the process of firming up all of the details of getting this off of the ground. The response has been great and the co-operation has been pretty good. Some of the time consuming things have been having to open the envelopes to find out the confirmation numbers and no labels as requested. Several people have sent me more mail with the labels, which helps.

I can assure you that there is no way in the world that I am going to retire from this effort, just add to my gray hair. I have had a lot of very nice compliments from the group overall with thanks from all and that means a lot. I have had a lot of very nice and pleasant dealings with a lot of people on the reflectors and that means a lot.

It looks like I may be able to cut the time down by a week or so due to getting the material sheared outside of the stamping facility due to the work load they have.

My target delivery date is mid to late August to CONUS, overseas will be shipped first, basically all within 3 days as I plan on having all of the boxes ready to go before the parts are ready.

TOO ALL THANKS,

Hank es 73

Please no when what and where.

PLEASE DO NOT ADD ANY MSG/POST TO ANY REPLIES OR REQUESTS
I do know what I have sent out.
Thanks

Message-ID: <01df01becce2\$4520b840\$702fcfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Globe Champion 350 parts
Date: Mon, 12 Jul 1999 22:45:14 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If anyone has a Globe Champ 350 "parts unit" - I'd appreciate hearing from you...

Thanks and 73,
Bob W9RAN

From: John_A_King@res.raytheon.com
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <852567AD.001B8BE5.00@ressud-as01.res.ray.com>
Date: Tue, 13 Jul 1999 01:00:56 -0400
Subject: John A King/RES/Raytheon/US is out of the office.
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I will be out of the office from 07/12/99 until 07/19/99.

If you need assistance during my absence, please contact
LuAnn Woodworth, Team Leader of TERO Support Services
at 431 - 4478.

Message-Id: <3.0.5.32.19990712234745.01cbcd70@earthlink.net>
Date: Mon, 12 Jul 1999 23:47:45 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: Re: Triplet VOM # 630 Help
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:05 PM 7/12/99 -0700, you wrote:

...I have a nice Triplet VOM with a fried resistor on the x10hm
>position. Is there any kind soul out there who has this model and woul'nt
>mind checking what the value of this resistor is.

Paul:

I have a 630NA type 4 manual. Maybe it is a 630 with a mirrored scale. It's
a 20,000 ohm per volt DC and 20,000 ohms per volt AC (except lowest AC
ranges) meter. The lowest resistance range is 4.4 ohms mid scale, and the

range (per the manual) is 0-1k.

I think the resistor you are having trouble with is R9, which is 1880 ohms. I don't remember if "R9" is stamped on the part holding the resistors, so here is a guide to find it:

Set the meter upside down, with the battery at the top. The resistor at the top on the right side is R12, 24K, the next resistor is R11, 3.6 k, then R10, 4.69k, then R9, 1880 ohms, then R8, 14k, then R7, 6.5 ohms.... If something seems fishy, have me check again.

Hope this helps. The manual doesn't have much useful data except the spec's, schematic, parts location diagram, and parts list.

It uses a 30 volt battery, NEDA 210, which isn't easy to find. I bought a replacement from Newark. They have a nice website and a big free catalog. Aside from their \$25 minimum (if I remember correctly), they are good people to deal with.

Be sure to check the batteries. I had to saw mine out, a big job.

73's Jim

Date: Tue, 13 Jul 1999 09:13:10 -0400 (EDT)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RCA 29K2
Message-ID: <Pine.BSF.3.96.990713091131.25576A-100000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Schematic scrutinizers:

Having gotten a Pilotuner FM set into fb shape, we turn the sights onto Grandpa's floor console, an RCA chassis 29K2, essentially in working condx, but I would like to find a schematic, alignment and/or service info (actually, it works most of the time, with an annoying condition that sounds like the LO stopping - yanking and replacing the RF or CONV tubes brings it back to life). Does anyone know if this model is documented in any particular Riders manual, or other available books? Just want to do the basic cap and out of spec resistor replacement.

TIA

Chuck
kb4new
cswiger@widomaker.com

Message-Id: <199907131615.d6DGF1125252@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Fancy HTML in Posts
Date: Tue, 13 Jul 99 11:15:01 CDT

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

Many many of the members of the list read through text-based mailers on systems of other than WIntel origins... this is particularly true for those members who are "off-shore" where the technology is too expensive to justify. Just keep in mind that NOT everyone reads the list postings with the very latest windowed technology.

PLEASE avoid the use of HTML and "quoted printable" in your email. If you don't know what this means, then PLEASE get help and set your mailer up so that you send your posts to the list in "PLAIN TEXT" only, with NO fancy HTML.... generally, avoid fancy fonts and colors, which will force your mailer to use the fancy stuff, and creates the problem.

The problem is that when the fancy stuff is included, those mailers send a plain text version AND a fancy version, and that means TWICE the size for your post (actually, because of how the HTML is encoded, it causes MORE than a doubling of message size. And, for those people who read mail with other than the fancy new readers that can ignore one part and only show the "pretty" version, they have to wade through an ocean of garbage and noise after reading your post... and that is inconsiderate to your fellow BoatAnchors members.

PLEASE use only plain text. Get help with setting your mailer to not send the fancy HTML and quoted printable.

PLEASE be considerate of the list resources and your fellow members.

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Tue Jul 13 11:15:01 CDT 1999

Message-Id: <3.0.1.32.19990713095521.00950640@marlin.spawar.navy.mil>
Date: Tue, 13 Jul 1999 09:55:21 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Edward Zeranski <ejz@nosc.mil>
Subject: Re: Omaha Heritage Museum
Cc: dmkgordon@pacbell.net, boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:45 PM 7/12/99 -0500, you wrote:

>Doug and all,

>

>The Western Heritage Museum is located in the historic old Union Pacific
>railroad building in Omaha the Meyerson-WRL collection was
on display upstairs in the main area with

>overflow in the lower level. I've been told that the museum has retired
>this display since then - but can anyone confirm?

>73, Bob W9RAN

>>Hi All,

>>Visited the Omaha, Nebraska Heritage Museum this past Saturday. No one
>there

>>knew anything about the Leo Meyerson radio collection.

>>Doug K6AKK

Howdy!

I was there last Oct. while working at STRATCOM (former SAC at Offutt AFB) and also asked about the WRL exhibit. A guard, who was a Ham by the way, told me the management had boxed up the Leo Meyerson stuff for storage because they believed it was of no interest to the gen'l public. My reply was that I had made the visit to the museum specifically to see the WRL display. He said several travelers had asked about the exhibit and were also disappointed, he was a bit at odds with management over the decision. It still was a neat museum but the WRL stuff would have been nice to see. Council Bluffs is only across the river from Omaha so they do have things in common. While missing the WRL exhibit was a disappointment the new SAC museum was a surprise..well worth the visit.

Ed Zeranski This is a private opinion or statement.
home email: ezeran@cris.com , ICQ # 3255293

Date: Tue, 13 Jul 1999 13:55:12 -0400 (EDT)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: boatanchors@theporch.com
Subject: RE: RCA 29K2

Message-ID: <Pine.BSF.3.96.990713133038.10258A-1000000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>You have any other model numbers on that RCA? I have a book that
>covers "most popular" models from about early '20's to mid '30's or so,
>but no listing on the 29K2

Al & the crew:

Sorry I wasn't more specific - this set dates around 1940,41.

Also, the first 5 volumes of Riders Perpetual Trouble Shooter
are online at <http://www.nostalgiaair.org/> - the PROBLEM is they
aren't indexed, just page numbers & there's a limited quota (can't
browse or try to download the whole Enchilada). So, that would work
if I could just find out a volumn/page.

Chuck
kb4new
cswiger@widomaker.com

End of BOATANCHORS Digest 2607

>From ???@??? Wed Jul 14 02:11:08 1999
Message-Id: <199907140248.d6E2mP008070@sco.theporch.com>
Date: Tue, 13 Jul 1999 21:46:56 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2608

BOATANCHORS Digest 2608

Topics covered in this issue include:

- 1) KFS/KPH/WCC/WNU Last day info
by "Jim Berry" <basalop@gte.net>
- 2) RE: RCA 29K2
by cswiger <cswiger@wilma.widomaker.com>
- 3) Ground-fault problems
by Bob Login <jlogin@mindspring.com>
- 4) WNU/KFS QSL?
by David Stinson <arc5@ix.netcom.com>
- 5) WANTED: 4-250 Tubes

- by David Stinson <arc5@ix.netcom.com>
- 6) Re: Triplet VOM # 630 Help
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
 - 7) Simpson 260
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
 - 8) Re: Ground-fault problems
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
 - 9) Re: 539 C
by Jderm740@aol.com
 - 10) TS-830S mobile ops
by zeitler@ibm.net
 - 11) Re: Ground-fault problems
by David Ross <ross@hypertools.com>
 - 12) Rust problem -- ideas please?
by midshires@cix.co.uk (Andrew Emmerson)
 - 13) Re: WNU/KFS QSL?
by Bob Roehrig <broehrig@admin.aurora.edu>
 - 14) Re: 2607 RCA 29K2
by Jderm740@aol.com
 - 15) The AWA information Page_2 has been updated
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
 - 16) recommendations on hooking up 115vac converter
by zeitler@ibm.net
 - 17) The End of Morse - A First Hand Report (Long)
by Dick Dillman <ddillman@igc.apc.org>
 - 18) Re: WCC/WNU
by Dick Dillman <ddillman@igc.apc.org>
 - 19) Re: WNU/KFS QSL?
by Dick Dillman <ddillman@igc.apc.org>
 - 20) Re: KPH/KFS: Vale!
by Dick Dillman <ddillman@igc.apc.org>
 - 21) Re: Ground-fault problems
by "Roberta J. Barmore" <rbarmore@indy.net>

From: "Jim Berry" <basalop@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: KFS/KPH/WCC/WNU Last day info
Date: Tue, 13 Jul 1999 11:11:14 -0700
Message-ID: <001101becd5b\$187b3bc0\$c9050f3f@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Folks,

He is some information and trivia for those who are interested in the demise of the use of CW for ship communications. The final messages were handled by the following people:

WCC Walter Kane
WNN Rory Davis
KFS Tim Gorman
KPH Paul Zell

Here is some more info Rory Davis sent me, which includes some Websites that you can visit.

Subject: Re[2]: News blurb from New Orleans Times-Picayune
Author: ALarkin
Date: 7/13/99 9:28 AM

more!

<http://www.sfgate.com/cgi-bin/article.cgi?file=/examiner/hotnews/stories/13/code.dtl>

video here: <http://www.kron.com/>

Subject: Re: News blurb from New Orleans Times-Picayune
Author: JOToole at GWHQ
Date: 7/13/99 08:07

also see:

<http://www.newschoice.com/newspapers/alameda/smct/default.asp>

Subject: News blurb from New Orleans Times-Picayune
Author: RDavis at GWNOLA
Date: 7/13/99 9:00 AM

<http://www.nola.com/metro/1999/071399/9907120109.html>

Online copy of newspaper article with pix!

I have not had a chance yet to visit those sites, but will as soon as I send off this message. Rory also mentioned that Globe Wireless is going to be disposing of all those old CW transmitters. They are big fellas, but are probably going to be needing a home. Something to be thinking about. Rory also said he is going to be writing an article that is probably going to be printed in QST magazine.

73 Jim K7SLI

Date: Tue, 13 Jul 1999 15:36:15 -0400 (EDT)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: boatanchors@theporch.com
Subject: RE: RCA 29K2
Message-ID: <Pine.BSF.3.96.990713153451.3018A-100000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>Are you sure you have the right model number. Could you list
>the tubes. I have riders up to 18, so should be able to find
>it.

Possibly it's the one Riders left out.

Found this little reference on nostalgiaair.org:

-The RCA model 29K2 was manufactured sometime between 1938 to 1942. I
-don't have an exact date, but it was definately within that time
-range. The schematic, alignment data, dial cord stringing, electrical
-characteristics, parts list and pushbutton tuning adjustments are
-available in the RCA Red Books pages 434C to 437C.

Chuck
kb4new
cswiger@widomaker.com

Message-Id: <3.0.1.32.19990713153443.008d61d0@pop.mindspring.com>
Date: Tue, 13 Jul 1999 15:34:43 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Bob Login <jlogin@mindspring.com>
Subject: Ground-fault problems
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi ---Just moved into new QTH with ground-fault ac socket. Keeps tripping
with R390A. Disconnected ac line filter in the 390a and now rx works
without tripping.

Anyone else hv problems with this device in ac line? Will external ground rod
eliminate the problem or are these line filters too leaky to be safe. Is
this a
safety issue with the 390a having ac leaking to ground? Tnx & 73 Bob, AA8A

Message-ID: <378B9789.77A53F04@ix.netcom.com>
Date: Tue, 13 Jul 1999 14:46:17 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WNU/KFS QSL?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know where to send the reception report for KFS?
I want to mount it next to my certificate for the last
Coast Guard CW transmission.

I got misty-eyed, too. But CW will continue.
Steam engines, blacksmiths, Model "T" Fords--
Most technologies abandoned by the Great Herd
are not truly lost.
Not as long as there is passion in the human heart.

Now it's up to us to carry the fire.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-ID: <378B9B46.23AA5845@ix.netcom.com>
Date: Tue, 13 Jul 1999 15:02:14 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WANTED: 4-250 Tubes
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need four 4-250 tubes for a Marconi ship-to-shore transmitter.
New tubes are out of reach, so broadcast pulls
or other used are fine as long as they have some
life left in them and are at least somewhat matched.
They will be run "gently."
Could also use 4-125s if I can't get 4-250s.
I have a pretty wide selection of traders.

TNX ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-ID: <378B66F0.5A67@lehigh.edu>
Date: Tue, 13 Jul 1999 16:18:56 +0000
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Triplet VOM # 630 Help
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul Thekan wrote:

>
> Greetings
>
> I have a nice Triplet VOM with a fried resistor on the x10hm
> position. Is there any kind soul out there who has this model and woul'nt
> mind checking what the value of this resistor is.
>
> Thanks very much.
>
> Paul N6FEG

I have a 260 series 4 which covers the 4 and 4M. This is the model that uses 1 D-cell for the Rx1 and Rx100 ranges and 4 AA-cells for the Rx10,000 range. The resistors are: R16 from meter to switch contact 10; R1, 1138 ohms and R3 21850 ohms are in series and connect to the zero adjust pot. There is a resistor, R2 110 ohms, from the junction of R1 and R3 to switch pin 11. There is a resistor, R4 117700 ohms from the junction of R1 and the ohms adjust pot that goes to switch contact 12. The D-cell and the AA-cells are all in series on the high resistance scale.

Art K3HBA

Message-ID: <378B6B80.C00@lehigh.edu>
Date: Tue, 13 Jul 1999 16:38:24 +0000
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Simpson 260
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In re-reading my note, I see that I omitted mentioning that junction of R16 and R1 goes directly to switch position 10, which is the Rx1 position.

Sorry,

Art K3HBA

Message-ID: <378B6D27.398A@lehigh.edu>
Date: Tue, 13 Jul 1999 16:45:27 +0000
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Ground-fault problems
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob Login wrote:

>
> Hi ---Just moved into new QTH with ground-fault ac socket. Keeps tripping
> with R390A. Disconnected ac line filter in the 390a and now rx works
> without tripping.
> Anyone else hv problems with this device in ac line? Will external ground rod
> eliminate the problem or are these line filters too leaky to be safe. Is
> this a
> safety issue with the 390a having ac leaking to ground? Tnx & 73 Bob, AA8A
A GFI will trip on leakage to ground OR on un-balanced currents on the
incoming power lines (the ones which are not the ground). I haven't
looked at the 390 filter, but any line to ground un-balance will trip
it. I had one situation where I had to add an extra GFI because I was
daisy-chaining outlets from one GFI and the next outlet in the chain got
its hot wire from the GFI and its cold wire from a different path. The
GFI recognized the difference and tripped. Borrow a GFI tester from an
electrician and see what it tells you about the state of your wiring.
It could be in the wiring and not the 390.

Art K3HBA

From: Jderm740@aol.com
Message-ID: <3e76fd71.24bd044e@aol.com>
Date: Tue, 13 Jul 1999 17:06:22 EDT
Subject: Re: 539 C
To: Old Tube Radios <boatanchors@theporch.com>
CC: gibsonj@mindspring.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

To John Shriver

John

I think you should go back and read the original request by Mr. Gibson. You have gone off on a very wild track. He asked for the settings for a Hickok 539C tester so he could check some KT66s and KT88s and 6550s. WHAT IS WRONG WITH THAT????

Next I think you should read MY answer to HIM!!!!

THE EXCHANGE WAS HARDLY AN AUDIO DISCUSSION. IT WAS A TESTING DISCUSSION.

Jack McDermott Jderm740@aol.com

From: zeitler@ibm.net
Message-ID: <005d01becd72\$6a726400\$d0dd6520@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TS-830S mobile ops
Date: Tue, 13 Jul 1999 13:58:00 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gents,

I need to find a nice 12vdc to 120vac converter that will allow me to run the best rig ever made, my old Knwd TS-830S, mobile. I have been looking at the Astron converters but have not found anyone at all that has used them. Is anyone familiar with the Astron 120vac power converters? Any other brands out there?

Lane
Ku7i

Message-Id: <3.0.6.32.19990713151252.007c1b30@mail.willapabay.org>
Date: Tue, 13 Jul 1999 15:12:52 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ross <ross@hypertools.com>
Subject: Re: Ground-fault problems
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob & the gang -

At 03:34 PM 07/13/99 -0400, Bob Login wrote:

>Hi ---Just moved into new QTH with ground-fault ac socket. Keeps tripping
>with R390A. Disconnected ac line filter in the 390a and now rx works
>without tripping.

As I understand it, the GFI is designed to trip if there is an unbalance between current flowing out the GFI's AC HOT line and current flowing back in the GFI's AC NEUTRAL line. The GFI is happy as long as all the HOT current it supplies actually returns through it's own NEUTRAL line.

The intent is to protect you if you drop the hairdryer into the bathtub - in that case, current flowing out the GFI's HOT line flows directly to GROUND (through the bathwater) rather than back through the GFI's NEUTRAL line. Here, the -huge- imbalance between HOT and NEUTRAL current causes the GFI to trip.

What trips the GFI unit on your receiver bench is this AC current path:

- AC goes out the GFI's HOT line
- into your R-390A
- through the R-390A's HOT side AC line bypass capacitor
- through the R-390A chassis
- back to your house's AC power GROUND without returning through the GFI NEUTRAL line.

In your R-390A, the bulk of GFI HOT current actually goes through the intended path (i.e. through the R-390A power transformer and back to the GFI's NEUTRAL line), but enough current flows to ground through the HOT line filter bypass capacitor to trip the GFI unit.

The GFI unit supplied AC HOT current and your R-390A provided a return path for it which bypassed the GFI's AC NEUTRAL line.

73

Dave Ross N7EPI ross@hypertools.com

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Tue, 13 Jul 1999 23:47 +0100 (BST)

From: midshires@cix.co.uk (Andrew Emmerson)

Subject: Rust problem -- ideas please?

To: Old Tube Radios <boatanchors@theporch.com>

CC: midshires@cix.co.uk

Message-Id: <memo.19990713234736.41123D@midshires.compulink.co.uk>

Imagine if you would a pair of pliers that have rusted solid good and proper. How does one attempt to free them?

Actually they are not pliers (if they were, I'd replace them). They are railway ticket nippers (the sort of thing that a conductor uses to take a small hole out of a travel ticket) and these are 60 or 70 years old, hence

worth refurbishing. I've tried soaking them in penetrating oil but this does nothing at all. I'm wondering if some kind of heat treatment would solve the problem...

Any thoughts, assembled company?

73,

Andy G8PTH.

Date: Tue, 13 Jul 1999 18:10:01 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WNU/KFS QSL?
Message-ID: <Pine.OSF.3.96.990713180918.23095B-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jul 1999, David Stinson wrote:

> Does anyone know where to send the reception report for KFS?
> I want to mount it next to my certificate for the last
> Coast Guard CW transmission.

The sheet I have says to send email to:
cw@globewireless.com

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

From: Jderm740@aol.com
Message-ID: <f7280159.24bd35be@aol.com>
Date: Tue, 13 Jul 1999 20:37:18 EDT
Subject: Re: 2607 RCA 29K2
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Chuck

Your schematic is in Vol.13 (13-35&36).
If you need a copy let me know and I'll make a copy for you. NC.

Jack Jderm740@aol.com

Message-ID: <378BE2E1.883@worldnet.att.net>
Date: Tue, 13 Jul 1999 21:07:45 -0400
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: The AWA information Page_2 has been updated
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To all,

The AWA information Page_2 has been updated:

New - The AWA Museum, a Virtual Tour

New - W3KY visits W1AW

New - Visit the Millen Memorial Station at our Museum

New - Now you can download Rich Conaty's 3-hour Radio Show
"The Big Broadcast" every week from this web page!

It's still the best! <http://www.eht.com/oldradio/awa/>

--

73' John Dilks, K2TQN

From: zeitler@ibm.net
Message-ID: <010301becd9b\$b6b39540\$d0dd6520@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: recommendations on hooking up 115vac converter
Date: Tue, 13 Jul 1999 18:53:44 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gents,

Is it better to install a deep cycle RV/marine battery which I happen to have a brand new one, quite large, around 180 amp/hr reserve, in the trunk of my little Celica and then run the 500 watt inverter off of the deep cycle battery? I could run leads off of the main car battery to the deep cycle battery in the trunk.

I am not sure how the best way is to install the inverter. For now I will be drawing around 300 watts and using a 500 watt inverter for a little headroom. Is it okay to hook this up to the 'auxillary' port on my 12 volt line in the car with proper fusing or should I go with the deep cycle arrangement?

Eventually I would like to be able to run one of my little 572 amps such as the sb-200 in the mobile along with the TS-830S. Of course a much larger inverter will be used and that is why I was considering using the deep cycle battery as the main B+ source and perhaps have it continually charging off of the car's main 12 volt battery.

Comments please.

Lane

Ku7i

A "newbie" to vacuum tube mobiling.

Date: Tue, 13 Jul 1999 19:10:02 -0700 (PDT)

Message-Id: <2.2.16.19990713185504.0dd76b6c@pop.igc.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: Old Tube Radios <boatanchors@theporch.com>

From: Dick Dillman <ddillman@igc.apc.org>

Subject: The End of Morse - A First Hand Report (Long)

Cc: n6wr@ns.net, pkierans@globewireless.com, tgorman@globewireless.com,
srbowers@nbn.com, richard_everett@nps.gov,
brian.fitzgerald@ams.greenpeace.org,
"Zyg Nilski" <zyg@morsum.demon.co.uk>, louisere@juno.com,
potsy@best.com, dastaaps@storynet.com

The end came yesterday. We knew it had to come. But the end had been predicted so many times for so many years while Morse soldiered on, paying no attention, providing good, reliable service for decades after it was declared dead... maybe some of thought the day would never come. But when KPH/KFS signed off the air for the last time yesterday it was the end of commercial Morse in North America.

It was a sad day but one I knew I couldn't miss.

Tom Horsfall, WA6OPE and I were invited along with many others to be present at the Half Moon Bay master station of Globe Wireless from which the final messages would be sent. I held in my hand two messages I hoped to have transmitted. They were messages of greeting and farewell from the Maritime Radio Historical Society and the San Francisco Maritime Historical Park -

typed of course with a mill on historically correct Mackay Radio radiogram blanks. I secretly dared hope that I myself might be permitted to send these messages. I brought along my favorite straight key in its carrying case and my radiotelegraph license just in case.

I have visited KFS many times over the years. On my first visit the operating room had nothing but Morse positions. Over the years the number of computers steadily advanced as the Morse positions retreated to the west end of the building. When we walked in yesterday both sides of the operating room were lined with racks holding sleek black computers and monitors. And way down at the end was the one remaining Morse operating position.

Tom spotted him first... Paul Zell, the morse operator on duty. We knew him by his green eyeshade. All real radiotelegraph operators seem to wear green eyeshades. Pictures I have taken at KFS and KPH decades ago show men in green eyeshades at the key or the Kleinschmidt. Pictures taken at those stations decades before that show the same thing. I am convinced that there is a secret ceremony of the green eyeshade in which the distinctive headgear is carefully placed upon the head of the operator newly welcomed into the fraternity. This is of course a ceremony we have not been permitted to witness, a ceremony that will never again take place.

I sat down next to Paul Zell as we listened to Russian and Cuban ships calling their respective coast stations. I realized that true to its nature, Morse will carry on in other parts of the world even after the keyes in North America are finally silent. I had to ask Paul the question... "How are you feeling about today?" An impossible question to answer but he answered it. "CW was my life," he said and turned back to the receiver.

More people started to arrive, a surprising number of reporters among them. But the real dignitaries in my eyes were the radio men and women who knew they had to be there on this day. Jack Martini, manager of KPH when it shut down (he intentionally left the receivers on when he left). Ray Smith, the operator who sent the farewell message when KPH at Bolinas/Pt. Reyes shut down. John Brundage, manager of KFS in its golden age of Morse. Denise, the first female coast station operator on the west coast. Rex Patterson, chief engineer at KFS in its glory years. And many more. We swapped stories and I showed them my photo album. We ate from the delicious spread of food provided by Peter Kierans of Globe Wireless. But our eyes kept glancing at the clock. It was now less than two hours to the end.

I finally screwed my courage to the sticking place and asked Tim Gorman, Director of Operations, if my messages might be sent and if, perhaps, I might be permitted to send them. Tim had met me only that day. I might be a fumble-fisted lid for all he knew. And he was busy with the press and with all the details of the ceremony. "We'll see...", he said. And that was enough for me.

Now the final transmissions from WCC/WNU began. We copied them off the air. The room fell silent. I noticed one man in particular. He was probably the oldest person there but had a presence that we used to call "spry". He had a quick laugh and twinkling eye. I watched him now. He stood leaning forward, eyes closed, as the sound washed over him.... drinking in... the Morse. He was a pioneer operator, the genuine article, no doubt about it. I wanted to meet him, to ask his name at least. But of course I couldn't possibly interrupt his reverie.

Paul Zell sent the first of the KFS/KPH sign off messages from the local position. Again we were all silent and when he finished... there was a round of applause! Applause for a radiotelegraph operator! Well deserved applause, deserved by every radiotelegraph operator everywhere, applause unheard for 80 years. Paul made a small, embarrassed nod of his head, accepting the tribute for himself and for all the operators on all the ships and at all the coast stations over the years.

Then he copied the last commercial message KFS would receive, from the Liberty ship Jeremiah O'Brien/KXCH on 500kc. The op on the O'Brien said he would standby until 15 past the hour. Zell replied "better make that 18 past, OM." The operator on the O'Brien understood and said that yes, he would observe the silent period - which of course is no longer required by regulation but is absolutely required by tradition. Then Paul said that he'd standby "on 600". The crowd got a big kick out of that - 600 meters instead of 500kc. Subtle, but all the more meaningful for that.

I saw Tim approaching me across the room. "Get your key...", he said. Get your key! Holy mackerel, they were going to let me do it! So I got out the key, gathered up my messages, and plugged in. But then I realized: the best Morse operators in the country... the best Morse operators in the world, probably... would be listening to every dot and dash I sent! They would be too polite to say anything if I flubbed it of course... but they and I and everyone else in the room and all the ships at sea would know! My palms started to sweat at that thought but there was no turning back now. I took Paul Zell's seat. I sent a couple of Vs to see if there was side tone in the 'phones. The knob on the key was loose! I tightened that up... and began to send.

I sent the first message from the Maritime Radio Historical Society and all went well. Then I signed the station calls.. "de KPH/KFS". Tom and a few others noticed that I sent KPH first and understood why. Then the second message from the San Francisco Maritime Historical Park. And the calls again... followed by my "sine"... and K. I had gotten through it! And there was a round of applause for me! Thoroughly undeserved but very much appreciated. Someone even said, "Nice fist". High praise indeed in that crowd.

Then the final messages from KFS/KPH began. Paul Zell sent the first ones.

Then Tim Gorman sat down and proved himself to be much more than just a competent manager. He sent the final message in meticulous Morse using the chrome-plated Vibroplex, signed off with "What hath God wrought"... then SK... and it was over.

There were wet eyes in that room, mine among them. I heard more than one tough-looking old timer mumble, "I didn't think it would get to me, but..." and then turn away.

I had one further item on my agenda: to get my license endorsed showing me as an operator at KFS/KPH on the last day of North American Morse. Once again Tim Gorman showed himself to be a gracious and understanding man as he took pen in hand to write "satisfactory" in the blank provided for operator evaluation on the back of the license and add his signature.

Finally it was time to go. I gathered up my key and my photos and my papers and shook hands once more with all the great men and women who were there. And finally we were heading north on highway 1 with the beautiful Pacific sunset on our left and the green coastal hills on the right. "That was one helluva day," Tom said. "Yep," I agreed.

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Tue, 13 Jul 1999 19:41:39 -0700 (PDT)
Message-Id: <2.2.16.19990713192633.482fc6a4@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Re: WCC/WNU

At 08:16 PM 7/12/99 -0400, john wrote:

>Just heard the farewell on 17.117 very sad to hear.
>Seemed I could hear someone answer after WNU went QRT.
>(awright..fess up... who was it???)
>
>Sure a fine sounding swing on that bug. Dick, can you give
>a report? Who were the ops for WCC/WNU?

I don't know who the ops at WCC/WNU were, John, but I have posted a report of what I saw at KFS/KPH to the list. I apologize for its length but it was hard to leave anything out.

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Tue, 13 Jul 1999 19:42:04 -0700 (PDT)
Message-Id: <2.2.16.19990713192659.461f5df6@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Re: WNU/KFS QSL?

At 02:46 PM 7/13/99 -0500, David Stinson wrote:

>Does anyone know where to send the reception report for KFS?
>I want to mount it next to my certificate for the last
>Coast Guard CW transmission.

Try this address:

Globe Wireless
One Meyn Road
Half Moon Bay, CA 94019

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Tue, 13 Jul 1999 19:41:43 -0700 (PDT)
Message-Id: <2.2.16.19990713192638.482ff046@pop.igc.org>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Re: KPH/KFS: Vale!
Cc: glowbugs@piobaire.mines.uidaho.edu (free glowbugs)

At 05:43 PM 7/12/99 -0700, Tom R. Rice wrote:

> Forgive me, folks, for this uncharacteristic, emotional
> post: in 36 years of marriage, my OL has never before
> seen me weep! But the last messages from KPH & KFS did
> it to me, and I'm not an old-time op, never used a key
> at sea, really have no right to feel so upset, but this
> was history with a vengeance! "What hath God wrought",
> indeed.... never has an "SK" been so poignant....
>
> Thanks to Mr. Dillman for the timely alerts; the AR-88
> with its RCA 100A speaker heard it all clearly on the
> 8 mc band, it's on tape and now, all that remains is for
> all you old-timers to get to work, writing, taping and
> preserving for posterity the lore of those wonderful
> Morse years. Don't fail us now!

We who aspire to be worthy OTs will do our best, OM! I'm glad you were able to copy the transmissions. Did you perhaps record my message from the Maritime Radio Historical Society? If you did I would very much like a copy. In fact I would like a copy of all you recorde if you are willing to make a dub (all costs reimbursed, of course).

Regards,

Dick

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Tue, 13 Jul 1999 21:48:21 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Ground-fault problems
Message-ID: <Pine.SUN.4.10.9907132119460.5467-100000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Here's thwe skinny on conventional line filters:

The normal structure is a balance O-network, which you can thionk of a Pi-net in each side of the AC--one on the hot or "line" side, the other on the neutral. Each is in the form of condenser to ground->series inductor->condenser to ground.

Those condensers can be pretty good-sized; .001uF is common, .01uF isn't unknown, and even bigger values are used in some applications.

Now then, a GFCI/GFI/RCCB device is looking for one thing: amps that flow in Line that don't come back out on the Neutral (actually it looks for balance between the two), and those however-many mike condensers to ground from the hot side to earth cause precisely that. Bam, the GFCI trips out, leaving you the radio consumer (try 'em with ketchup!) wondering wottinheck is goin' on. [*]

Fixes? Aren't any real good ones. A filter with less C and more L would help (depending on how picky the GFCI is), and there are some other ways to try foolin' the GFCI, but the best way is to not use such things on the gear at the operating position if you have to use line filters in said gear--of course, by so doing, you forefit the protection (such as it is--if you get between the B+ side of the plate transformer and ground, the GFI won't care) it offers.

Other kinds of filtering, like a big ol' ferrite ring though which the power cord is wound, will often take care of RFI and will not upset the GFI. But if your intent is to keep the R-390, etc. in precise original condition, that's not too desireable.

Anyway, this is not an unusual situation, nor is it a sign of any problems brewing in the power wiring or the set, just two incompatable technologies in conflict.

(A basement shack is a real problem, as the conductivity of concrete is better than you might think, especially if it is the least bit damp; GFIs are a real good idea in a basement. My rented house lacks 'em, and one of my rules is to never, ever mess with power tools, radio gear, etc. when barefoot, no matter what. As a carefree teenager, with the gear in a hardwood-floored room, I wasn't as careful; and got tingled a few times as a reminder).

73,
--Bobbi

* Folks occasionally suggest a GFI looks for any current flowing in the ground lead. Not so--they wouldn't offer much protection if that was all they did!

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

End of BOATANCHORS Digest 2608
